

5K

AUG 09 1983

Joseph J. Smith, President
Petrochem Services, Inc.
P. O. Box 337
Lemont, Illinois 60439

mg - Copies to
BC
Kiehl
Larry E.
IEC/Beech

EPA Region 5 Records Ctr.



351316

D-2
R/K 8/9/83
5HW

Re: Emergency Hazardous Waste Permit
U.S. EPA ID No: ILE 200000074

Dear Mr. Smith:

Enclosed is an emergency hazardous waste permit, granted to Petrochem Services, Inc., for treatment of hazardous waste at the Aldens facility at 5000 West Roosevelt, Chicago, Illinois. Please note that this permit expires on October 24, 1983. A copy of this permit shall be available at the site at all times.

Please contact Mr. Greg Weber of my staff, at (312) 886-3719, if you have any questions concerning the permit.

Sincerely,

Basil G. Constantelos, Director
Waste Management Division

cc: Robert G. Kuykendall, IEPA

EMERGENCY HAZARDOUS WASTE PERMIT

Permit #ILE 200000074

ISSUED TO:

1. Aldens (Owner)
2. Petrochem Services, Inc., Lemont, IL (Operator)

EXPIRATION DATE: October 24, 1983

PURPOSE:

To mitigate a threat to human health or the environment caused by hazardous waste abandoned by Film Recovery Systems Corporation et al at several locations within Illinois.

LOCATION:

5000 West Roosevelt, Chicago, Illinois

ACTIONS AUTHORIZED:

Treatment of cyanide bearing reactive hazardous waste to reduce the level of soluble cyanide by use of the standard alkaline chlorination process.

METHOD:

Waste film will be resuspended in water, to which sodium hydroxide and sodium hypochlorite will be added as described in Exhibit A of Attachment 2. Contaminated equipment and buildings will be treated by application of caustic sodium hypochlorite solution as described in Exhibit A of Attachment 2. Analytical monitoring will be performed as described in Exhibit B of Attachment 2.

WASTES:

1. Approximately 11,000,000 pounds of exposed photographic film chips contaminated with cyanide.
2. Approximately 15,000 gallons of surface water contaminated with cyanide.
3. An indeterminate quantity of cyanide contamination in or on trailers, buildings, and equipment used to store and handle the wastes described above.

4. Other materials may be treated under this permit, upon receipt of U.S. EPA approval.

GENERAL CONDITIONS:

1. 40 CFR 270.2 Definitions
2. 40 CFR 270.30 Conditions Applicable to All Permits
3. 40 CFR 270.32 Establishing Permit Conditions
4. 40 CFR 270.4 Effect of a Permit
5. 40 CFR 270.40 Transfer of Permits
6. 40 CFR 270.12 Confidentiality of Information
7. 40 CFR 264.4 Imminent Hazard Action
8. 40 CFR 264.12(c) Required Notices
9. 40 CFR 264.13(a)(1) & (2) General Waste Analysis
10. 40 CFR 264.14 Security
11. 40 CFR 264.15(a) & (c) General Inspection Requirements
12. 40 CFR 264.194(a)(4) & (5) Inspections (Tanks)
13. 40 CFR 264.17 General Requirements for Ignitable, Reactive and Incompatible Waste
14. 40 CFR 264.198(a) Special Requirements for Ignitable or Reactive Waste (Tanks)
15. 40 CFR 264.31 Design and Operation of Facility
16. 40 CFR 264.32 (c) & (d) Required Equipment
17. 40 CFR 264.33 Testing and Maintenance of Equipment
18. 40 CFR 264.34 Access to Communications or Alarm System
19. 40 CFR 264.55 Emergency Coordinator
20. 40 CFR 264.56 Emergency Procedures
21. 40 CFR 264.73(a) & (b)(1) Operating Record
22. 40 CFR 264.74 Availability, Retention and Disposition of Records
23. 40 CFR 264.77 Additional Reports
24. 40 CFR 264.111 Closure Performance Standard
25. 40 CFR 264.114 Disposal or Decontamination of Equipment
26. 40 CFR 264.197 Closure (Tanks)
27. 40 CFR 264.192 General Operating Requirements (Tanks)

SPECIAL CONDITIONS:

1. The operator shall comply with all provisions of the Court Orders in People of the State of Illinois vs Film Recovery Systems Corporation et al., Circuit Court of Cook County, No. 83 CH 3812, dated May 25, 1983 and June 17, 1983. Said Orders are included herein as Attachments Number 1 and 2.
2. The operator shall comply with all applicable DOT regulations.
3. The operator shall comply with 35 Illinois Administrative Code Parts 722 and 723, as applicable.

4. The operator shall notify U.S. EPA within 72 hours of any determination that the treatment process has failed to achieve the goals stated under METHOD above. The operator may employ a alternative methods of treatment upon written U.S. EPA approval.
5. Since Aldens participation in this permitted activity is for the convenience of the State of Illinois, the State of Illinois assumes the responsibilities under this permit which would normally accrue to the owner of the site.

Basil G. Constantelos, Director

 Date

STATE OF ILLINOIS

COUNTY OF C O O K

IN THE CIRCUIT COURT OF COOK COUNTY
COUNTY DEPARTMENT - CHANCERY DIVISION

PEOPLE OF THE STATE OF ILLINOIS

Plaintiff,

-vs-

FILM RECOVERY SYSTEMS CORPORATION,
et al.,

Defendants.

NO. 83 CH 3812

RECEIVED
JUL 22 1983

AGREED ORDER

WASTE MANAGEMENT
BRANCH

NOW COME Plaintiff, People of the State of Illinois,
by Neil F. Hartigan, Attorney General of the State of Illinois,
and Defendants Film Recovery Systems Corporation, Metallic
Marketing Systems Corporation, Livco, Inc., Eagle Trailer, Inc.,
Trailers Unlimited, Inc., HBE Trailer Corporation, American
Interstate Leasing, Inc., J. Florito Leasing Company, Flexi-
Van Leasing, Inc., J's Mobile Semi-Tailer Repair, Inc., Red Devil
Manufacturing Company, Inc., Alden's, Inc., and First Industrial
Corporation, by their respective counsel and hereby agree and
stipulate to the entry of the following order:

1. All action taken pursuant to this order shall be
under the supervision of the Illinois Environmental Protection
Agency, the United States Environmental Protection Agency, and
Cook County Department of Environmental Control.

2. PetroChem Services, Inc., is designated contractor
to perform all actions pursuant to this order.

3. At all Chicago area trailer locations, identified on attachment A hereto, PetroChem shall as expeditiously as possible, beginning no later than May 26, 1983:

- a. Unload all cyanide chips from trailers;
- b. Chemically detoxify all chips at each trailer site;
- c. Chemically decontaminate each trailer;
- d. Certify that each site has been decontaminated and all chips are detoxified;
- e. Upon certification by PetroChem and Illinois Environmental Protection Agency that the chips are detoxified, and the trailers have been decontaminated, replace all chips in the decontaminated trailers.

4. At the Dixon site, identified in Attachment B hereto, PetroChem shall as expeditiously as possible, beginning no later than May 26, 1983:

- a. Chemically detoxify all chips at the Dixon site;
- b. Chemically decontaminate all buildings at the Dixon site;
- c. Certify that the Dixon site and all chips have been decontaminated and detoxified;
- d. Upon certification by PetroChem and Illinois Environmental Protection Agency that the chips are detoxified and the Dixon site has been decontaminated, replace all chips in the decontaminated buildings.

5. The following trust funds are established under supervision of the Court:

- a. A fund containing \$180,000 which will immediately be paid by Defendant Film Recovery Systems Corporation. Thomas Royce, Esq., is appointed trustee without fee.
- b. A fund containing \$70,000 for which John Morrison, Esq., is appointed trustee without fee. Defendant trailer companies, Livco, Inc., Eagle Trailer, Inc., Trailers Unlimited, Inc., HBE Trailer Corporation, American Interstate Leasing, Inc., J. Fiorito Leasing Company and Flexi-Van Leasing, Inc. shall, no later than 24 hours prior to the date that the work specified in ¶3 hereof takes place as to each respective party listed in this ¶5 b, shall pay into this fund a pro rata share of the total \$70,000 based on the ratio that the contaminated trailers for which each party, listed in this ¶5 b is responsible, bears to the total number of contaminated trailers, including those leased by Gemini Leasing Company, which is not a party to this agreed order.
- c. A fund into which will be paid all proceeds of any sale of detoxified chips. No money will be expended from the fund without order of court. This fund will be available for, but not limited to claims and cross-claims of any party hereto, including security costs and penalties or other uses as the equities may require and as the Court may direct. Thomas Royce, Esq., is appointed trustee without fee.

6. Defendants under supervision of Illinois Environmental Protection Agency may take and retain approximately one pound of contaminated chips per trailer for evidentiary purposes.

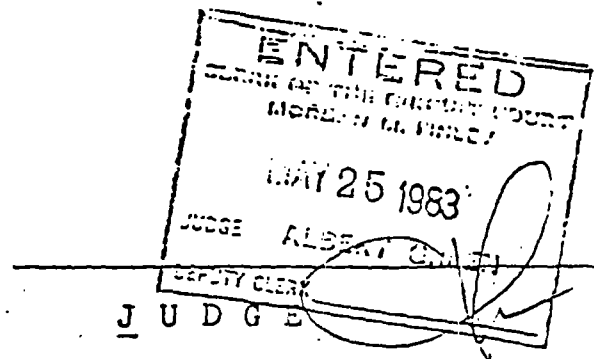
7. Any money recovered from Defendant Bil-Mac Express, Inc., may be used to reimburse Defendants pro rata for money placed in the fund set up in paragraph 5 (b).

8. The Illinois Environmental Protection Agency shall maintain security at all sites until such time as it has been determined that they are decontaminated.

9. The time within which all parties to this agreed order must move, answer or otherwise plead is extended to June 30, 1983.

10. This order shall remain in full force and effect until further order of the Court.

ENTER:



DATED: May 25, 1983.

ATTACHMENT A

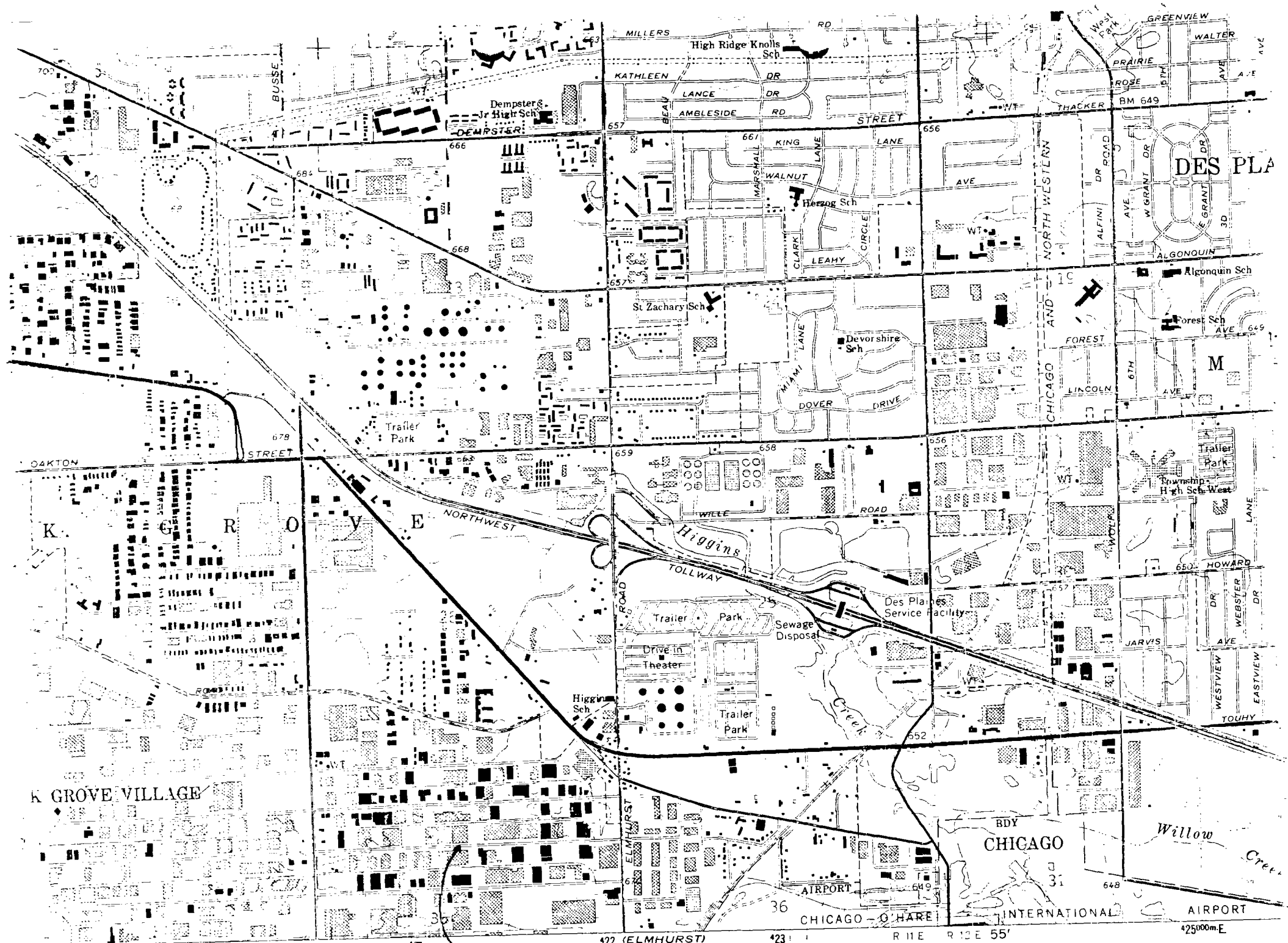
Chicago area trailer sites:

1. Eagle Trailer Inc.
7710 West 57th Street
Summit, IL
2. Livco, Inc.
6700 West 103rd Street
Chicago Ridge, IL
3. Trailers Unlimited
8765 West Joliet Road
McCook, IL
(J's Mobile Semi-Trailer Repair)
- ✓ 4. American Interstate Leasing, Inc. -
5000 West Roosevelt Road
Chicago, IL
(Aldens, Inc.)
- ✓ 5. J. Fiorito Leasing.
3739 North Podlin
Franklin Park, IL
- ✓ 6. J. Fiorito Leasing
5995 North River Road
Rosemont, IL
(Red-Devil Manufacturing)
- ✓ 7. Flexi-Van Leasing
2200 Higgins Road
Elk Grove Village, IL
(General Diesel)
- ✓ 8. HBE Trailer Corporation
15W580 Frontage Road
Hinsdale, IL
9. Gemini Leasing
6201 South East Avenue
Hodgkins, Illinois

ATTACHMENT B

Dixon site:

Building 107 and 115
Green River Industrial Park
Route 40
Dixon, IL



420 600 000 FEET 57'30"

FILM RECOVERY SYSTEMS

422 (ELMHURST)
3467 IV NW

423

R 11 E R 12 E 55'

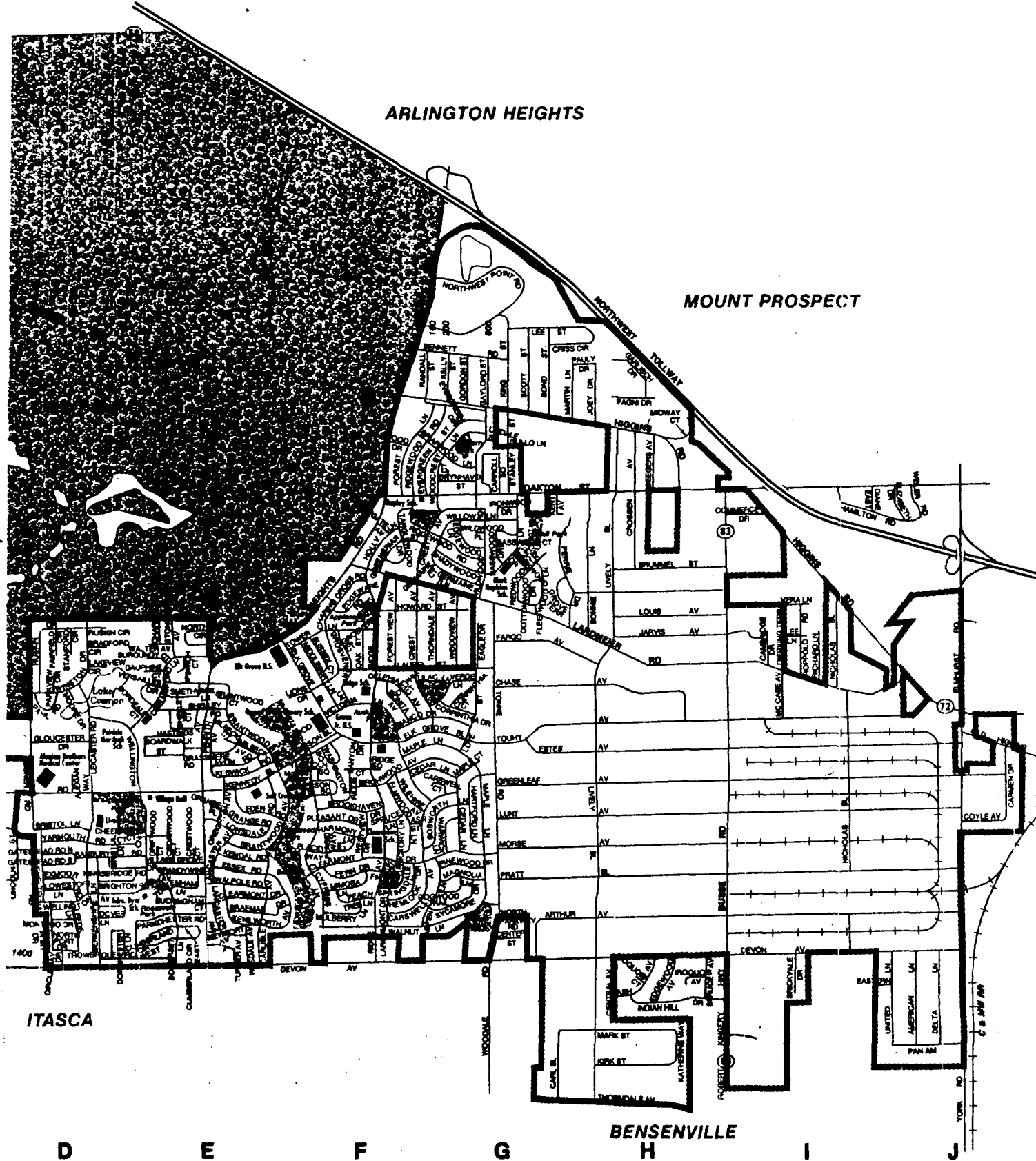
425000m E

ELK GROVE VILLAGE

ROLLING MEADOWS

ARLINGTON HEIGHTS

MOUNT PROSPECT



FILM RECOVERY SITE

FILM RECOVERY SYSTEMS

<u>CHI</u>	<u>QAD</u> <u>H&D</u>	<u>1986</u> <u>TOTAL POP.</u>	<u>WITHIN 3 MILES</u> <u>POP. AFFECTED</u>
✓	1/2 DES PLAINES	53,568	- 26,784
✓	1/7 MOUNT PROSPECT	52,634	- 7,516
✓	1/2 ELK GROVE VILLAGE	28,907	- 14,454
✓	1/3 WOOD DALE	11,251	- 3,713
✓	1/2 BENSONVILLE	16,124	- 8,062
✓	1/4 ROSEMONT	4,137	- <u>1,034</u>
			61,563



Petrochem Services, Inc. P.O. Box 337 Lemont, Illinois 60439
Effective December 15, 1981

(312) 257-5875

SERVICE & RATE SCHEDULE

All Rates Apply Portal to Portal
(Refer Attached Appendix 1)

MANPOWER

	<u>ST</u>	<u>OT</u>
Field Superintendent/Chemist	\$ 44.50	\$ 57.00
Supervisor/Asst. Chemist	26.00	36.00
Operator/Driver/Lab Technician	20.00	30.00
Laborer/Recovery Technician	17.00	25.50

Subsistence: Same as per diem rate for
Government Employees

TRUCK & TRANSPORTATION

Pressure Vacuum Truck 3500 Gal.	\$ 45.00/hr.
Pressure Vacuum Trailer 5500 Gal.	55.00/hr.
Tractor/Tank Trailer	34.00/hr.
Travel to and from Job for Above Units	1.65/mile
Utility Trucks:	
Under 18,000GVW	\$ 9.50/hr.
Over 18,000GVW	11.00/hr.
Pick-Up	7.50/hr.
Dump Truck	28.50/hr.
Semi-Dump	35.00/hr.
Mileage: (Applied while on Job Site)	
Automobile & Pick-Up	\$.25/mile
4-Wheel Drive & Utility	.32/mile
Other Vehicles	.71/mile

CLEANING EQUIPMENT

Butterworth Wash System	\$200.00/day
High Pressure Water Blaster Units:	
10,000 PSI @ 18 GPM/7,000 PSI @ 25 GPM	50.00/hr.
Over 50 Ft. Pressure Hose	25.00 sect.
Specialized Head & Accessories	50.00/day
Medium Pressure Hot Water Units:	
1,200 PSI @ 200 F	\$ 30.00/hr.
Over 50 Ft. Pressure Hose	25.00 sect.
150 H.P. Portable Boiler	150.00/hr.+
Pressure Wash Units:	
Airless Spray Wash - 800 PSI	\$8.00/hr. 40.00/day
250 Gal. Water Tank	15.00/day

PUMPS

6" Dewatering Pump	\$ 8.00/hr. -	\$ 40.00/day
3" & 4" Trash Pump (Gasoline)	7.00/hr. -	35.00/day
2" & 3" Air Diaphragm (Spark Proof)	7.00/hr. -	35.00/day
Transfer/Loading Pumps 300 GPM (Electric)		75.00/day

HOSES

Vac Hose - 25 Ft. Section	\$ 13.00 sect.
Air Hose - 50 Ft. Section	10.00 sect.
Fire Hose - 50 Ft. Section	15.00 sect.
Steam Hose - 25 Ft. Section	40.00 sect.

POLLUTION CLEAN-UP EQUIPMENT

Oil Skimmer	\$450.00/day
Slick Boom:	
First Five Days	\$.95/ft./d
Second Five Days	.80/ft./d
Third Five Days	.70/ft./d
Remaining Rental	.60/ft./d

Cleaning and repairs on all oil containment booms will be billed at labor cost plus material cost.

Decontamination Trailer	\$185.00/day
Spill Response Trailer	185.00/day
Chain Saw & Power Weed Cutters	\$ 8.00/hr. - 40.00/day
Mobile Communications Van	300.00/day
Office Trailer	175.00/day

SAFETY EQUIPMENT

HNU Meter	\$ 55.00/day
Respiratory Protection	45.00/day/r
Gas Monitoring Equipment	45.00/day
Toxicity Meter	55.00/day
Breathing Apparatus Self-Contained	185.00/day/r
Exposure Suits	110.00/day/r
Fire & Safety Van	100.00/day
Protective Wear	14.00/each
Neoprene Protective Wear	45.00/each
Paper Coveralls	2.50/each
Gloves	4.75/each

FIELD LABORATORY

\$250.00/day

(Field Laboratory will include Glove Box with Ventilation System, Closed Cup Flash Point Tester, PH, Toxic Gas, Temperature Monitoring Equipment plus the usual laboratory equipment, supplies and reagents.)

WASTE DISPOSAL

We are prepared to handle waste disposal to your specifications. If you have a source for the disposal, we will be glad to supply all necessary transfer services. If you prefer that we locate disposal sites and provide transportation, we will provide the total package.

All Disposal Permits, Sampling and Analysis

Cost + 17%

MISCELLANEOUS EQUIPMENT & SUPPLIES

150 CFM Air Compressor		\$140.00/day
380 CFM Air Compressor		250.00/day
450 CFM Air Compressor		325.00/day
12' to 20' Work Boats (No Motor)		7.50/hr.
12' to 20' Work Boats (Outboard)		16.50/hr.
Harbor Tug (30' Steel Hull)		32.50/hr.
Barges, Tugs and Rental Equipment	Cost +	15%
Bobcat		30.00/hr.
Power Generating Light Unit	\$10.00/hr.	50.00/day
Air Mover		15.00/day
Ground Water System -- Air Pumps		375.00/day
	Elec. Vac Pumps	475.00/day
Utility Tractor with Drum Clamp Attachment		35.00/hr.
Utility Tractor		20.00/hr.
Flat Bed Trailers		75.00/day
Vacuum Bulking Trailers		100.00/day
Drum Compactor		35.00/hr.
Utility/Weather Sheds (Portable)		50.00/day
Drum Ripper		35.00/day

Supplies, Lab Supplies & Contractual Services --
will be billed at cost plus 17%

Equipment Clean-Up -- To be billed a reasonable
amount T & M.

June 7, 1983

APPENDIX 1

SODIUM HYPOCHLORITE TREATMENT EQUIPMENT

Decon Mixer	\$185.00 ea/day
Conveyor (Cost per Unit)	75.00 ea/day
Dewatering Chamber/Hopper	75.00 ea/day
Portable Holding Tanks 15,000 gal	100.00 ea/day
Bulking Transport Trailers	50.00 ea/day
Detoxification Systems Engineer	44.50 ea/hr.
Field Mechanical Engineer	36.75 ea/hr.
Administrative and Legal	At Cost